

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: INSTITUT PASTEUR
(B) STREET: 25-28, rue du Dr. Roux
(C) CITY: PARIS
(E) COUNTRY: FRANCE
(F) POSTAL CODE (ZIP): 75724 CEDEX 15

(A) NAME: INSTITUT PASTEUR DE LILLE
(B) STREET: 1, rue du Professeur Calmette - B.P. 245
(C) CITY: LILLE
(E) COUNTRY: FRANCE
(F) POSTAL CODE (ZIP): 59019

(A) NAME: INSTITUT NATIONAL DE LA SANTE ET DE LA
RECHERCHE MEDICALE
(B) STREET: 101, rue de Tolbiac
(C) CITY: PARIS
(E) COUNTRY: FRANCE
(F) POSTAL CODE (ZIP): 75654 CEDEX 13

(ii) TITLE OF INVENTION: PROTEINES RECOMBINANTES DE L'HEMAGGLUTININE
FILAMENTEUSE DE BORDETELLA, NOTAMMENT BORDETELLA
PERTUSSIS, PROCEDE POUR LEUR PRODUCTION ET LEURS
APPLICATIONS A LA PRODUCTION DE PROTEINES ETRANGERES ...

(iii) NUMBER OF SEQUENCES: 12

(iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(v) CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/FR 95/00512

(vi) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: FR 9404661
(B) FILING DATE: 19-APR-1994

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 35 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TAGGATCCGG GCCGGGGCCC GAAAATCTGT TAGCC

65765267 694297
/65765267 694297

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

TAAGATCTCC CGGGCCCCCGG GAAGGGAGTT GCAGG

35

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 25 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TAAGATCTCC ATGGCTGGCG AGCAT

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(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 23 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

TAAGATCTCC GAGCTTTCTG TTG

23

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 32 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

00765207 094297

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

TTTAACCGAT GCGGCCGCCG TTG

23

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 29 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TATAAGCTTC GAACCTGTAC AGGCTGGTC

29

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 28 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

TCAAAGCTTC GCGTGGTCAA GCGCGAAG

28

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 29 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

ATTAAGCTTC CCAGGGCTTG GTTCCTCAG

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08765267 091297
162160 29259280